STATE OF CALIFORNIA — CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

☑ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.

☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name: CITY OF LAKEPORT		County: LAKE	
Authorized Signature: M K Stevenson		Title: CITY ENGINEER	
Type/Print Name of Person Signing: M. K. STEVENSON		Date: Aug 6, 2001	Phone ( ) Include Area Code: (707) 263-5614
Person Completing This Form (please print or type): IREHNE E. DISHMAN		Title: ADMINISTRATIVE ASSISTANT	
Affiliation: CITY OF LAKEPORT			
Mailing Address: 225 PARK STREET	City: LAKEPORT	State: CALIFORNIA	ZIP Code: 95453
E-mail address:			

Board Meeting
June 18-19, 2002

Agenda Item 48
Attachment 2a (Revised)

CITY OF LAKEPORT

Over 100 years of community pride, progress, and service

FACSIMILE TRANSMITTAL
FAX NO. (707) 263-9413
263-8584

DATE: 12-13-01

TIME: 0934

FILE:

ORIGINATOR: Mike Stevenson PHONE NO. 707 - 263-5614

DELIVER TO:

Company Name: CIWMB

Attention: Betty Fernandez

Address:

Facsimile number: 916-319-7310

Telephone number:

Number of pages in the transmission, including this cover sheet: 3

If you experience any problems with the material received, please contact the FAX originator at the telephone number listed above.

If the box is checked, a confirming copy will be sent by regular or express mail. ☐

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Message: are two corrected sheets for the 1999 report.

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1990	1999

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

In regard to the amount of material disposed of, there is currently a more accurate determination being made of the weight from the Transfer Station because of correlation with the AMFAB data; also there is more accurate origin accounting because of the quarterly origin monitoring program conducted by the City. In regard to the amount of materials being diverted, a more accurate accounting is being made that identifies diversions that were previously not counted.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	**a.** 18.5%*	**Diversion rate calculated using new generation-based study**	**b.** 42.6 %
For existing base year pounds/person/day based on generation	8.4	**For new generation based study pounds/person/day based on generation**	11.5
Residential generation 60 %	**Non-Residential Generation** 40 %	**Residential generation** 60% est.	**Non-Residential generation** 40% est.
Population existing generation-based study 4,390			4,583

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City of Lakeport is a commercial center for Lake County. The 1990 Base Year Data did not take into account all the wastes generated and diverted by businesses not using the Franchise Services or public diversion opportunities that were available at the time. The increase in the lbs/person/day reflects the large commercial volume of wastes that are generated; private diversion efforts, driven by economics, are chiefly responsible for the large amounts and high percentages of materials being diverted by private businesses.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Reasons for the diversion difference include: 1) waste origin errors, 2) inaccurate disposal quantity amounts, 3) inaccurate waste generation amounts, 4) more accurate assessment of the quantity of materials diverted, and 5) improved diversion programs.

*4.a. Diversion rate = $100\% \left(1 - \frac{5509}{6763}\right) = 18.5\%$

CORRECTED 12/13/01

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	**2.** Proposed new generation-based study year:
1990	**1999**

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

In regard to the amount of material disposed of, there is currently a more accurate determination being made of the weight from the Transfer Station because of correlation with the AMFAB data; also there is more accurate origin accounting because of the quarterly origin monitoring program conducted by the City. In regard to the amount of materials being diverted, a more accurate accounting is being made that identifies diversions that were previously not counted.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	**a.** 19.5 %*	**Diversion rate calculated using new generation-based study**	**b.** 42.6 %
For existing base year pounds/person/day based on generation	8.4 %	**For new generation based study pounds/person/day based on generation**	11.5%
Residential generation 60 %	**Non-Residential Generation 40 %**	**Residential generation 60% est.**	**Non-Residential generation 40% est.**
Population existing generation-based study	4,390		4,583

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City of Lakeport is a commercial center for Lake County. The 1990 Base Year Data did not take into account all the wastes generated and diverted by businesses not using the Franchise Services or public diversion opportunities that were available at the time. The increase in the lbs/person/day reflects the large commercial volume of wastes that are generated; private diversion efforts, driven by economics, are chiefly responsible for the large amounts and high percentages of materials being diverted by private businesses.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Reasons for the diversion difference include: 1) waste origin errors, 2) inaccurate disposal quantity amounts, 3) inaccurate waste generation amounts, 4) more accurate assessment of the quantity of materials diverted, and 5) improved diversion programs.

*4a. Diversion rate = $100\% \left(\frac{1-5509}{6763} \right) = 19.5\%$

7. Disposal Tonnage: (enter values)	3691	1818	5509
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes,inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.
*Please provide detailed Non-Residential waste information in Section 9.

*Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details subsantiating your claim.

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Residential Activities:					
Source Reduction					
Backyard composting					
Grasscycling		0.0%			
Other Residential source reduction (list each program separately)					
Thrift Store	434	4.5%	misc. items and furniture	Diversion Study Guide 1999 .04 sq. ft. per year and 53.2 tons per year	CIWMB
Yard Sales	63	0.7%	misc. items	Diversion Study Guide 1999 .35 tons per garage sale	CIWMB
		0.0%			
		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	**497**	**5.2%**			
Recycling					
Curbside Recycling	763	7.9%	CRV, cardboard, paper	Actual Weights	Lakeport Disposal - printouts from owner
Buyback centers	486	5.0%	CRV	Actual Weights	Timebertine Recycling & Private Recycler - Owner's Records, receipts and logs, are stored on premises
Drop-off centers					

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Other Residential recycling□ (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	**1248**	**13.0%**			
Composting					
Green waste drop-off					
Curbside green waste	30	0.3%	Greenwaste	Actual Weights	Lakeport Disposal - printouts from owner
Christmas Tree program					
Other Residential composting (list each program separately)					
Buy Back Center	271	2.8%	Greenwaste	Actual Weights	Timberline Recycling Records
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	**301**	**3.1%**			
Subtotal Residential Diversion	**2046**	**21.2%**			
Non-Residential Activities:					
Source Reduction					
Non-Residential Waste Audits*	279	2.9%	**See Section 9**	**See Section 9**	**See Section 9**
Other non-Residential source reduction (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Source Reduction	**279**	**2.9%**			

Diversion Activity Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List separately w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Recycling					
Non-Residential Waste Audits*	974	10.1%	See Section 9	See Section 9	See Section 9
Other non-Residential recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	**974**	**10.1%**			
Composting					
Non-Residential Waste Audits*	464	4.8%	See Section 9	See Section 9	See Section 9
Other non-Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	**464**	**4.8%**			
Subtotal Non-Residential Diversion	**1716**	**17.8%**			
Residential/Non- Residential Diversion Activities					
ADC					
Sludge					
Scrap metal	359	3.7%			
Construction and demolition					
Landfill salvage					
Subtotal Residential/Non-Residential diversion	**359**	**3.7%**			
Total Res/Non-Res Source Reduction Tons	**776**	**8.1%**			
Total Diversion Tons	**4121**	**42.8%**			
Total Disposal Tons from Sec.7	**5509**	**57.2%**			
Total Generation Tons (Div+Dis)	**9630**				

Diversion Rate	**43%**

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets. Original
(Form will perform all addition calculations).
Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ___
Retail Sales	72	Old appliances repaired and sold or recycled.	26.0	26.0	0	52.0	0.54%	O
Grocery Store	71	Food waste for animal feed or donations, OCC recycling, plastic recycling, cooking oil and animal parts to rendering, waxed OCC to composting.	81.0	195.4	74.1	350.5	3.65%	O
Grocery Store	6	Food waste for animal feed on donations, OCC recycling, cooking oil and animal parts to rendering.	80.6	238.0	0	318.6	3.32%	O
Department Store	32	OCC recycling	0	254.8	0	254.8	2.65%	P
Public Agency	10	Grass clippings and leaves to mulch pile.	0	0	82.7	82.7	0.86%	O
Public Agency	37	Straw to mulch pile.	0	0	159.7	159.7	1.66%	O
Grocery Store	45	OCC recycling, food waste returned or donated.	2.9	80.6	0	83.5	0.87%	O
Public Agency	46	Grass clippings to mulch pile.	0	0	109.2	109.2	1.14%	O
Retail Sales	17	OCC recycling	0	62.4	0	62.4	0.65%	P
Grocery Store	57	Food waste for animal food or donations, OCC recycled, cooking oil and animal parts to rendering.	3.3	47.4	0	50.7	0.53%	O
Totals			193.8	904.6	425.7	1524.1	15.87%	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

999 SOLID WASTE DIVERSION AUDIT

Quantification Methodology

1. Cardboard – Each of the major businesses has its own cardboard baling machine; there is no standard bale size and the bale weights vary from 300 lbs to 800 lbs, depending on the business. The business managers know the weight of a bale and the average number of bales that are produced over a given period of time. Cardboard is picked up from the businesses' scavengers. In some cases the actual weight of cardboard was provided.

2. Green Food Wastes – The weights of green food wastes and the frequency of generation are estimated by the store managers. The wastes are picked up almost daily by animal growers.

3. Cooking Oil – The cooking oil volumes and frequencies of generation are provided by the store managers. The volume is converted to a weight by using 7.45 lbs/gal which is a number provided by the Diversion Study Guide. Cooking oil is picked up by a rendering company.

4. Bones and Fat – The weight of bones and fat generated over a specific period of time is estimated by the store manager. Bones and fat are picked up by a rendering company.

5. Dated Foods and Food in Damaged Containers – The weights of the dated/damaged foods are estimated by the store managers. These items are donated, given to needy customers, used for animal food, and even sold to discount outlets.

6. Grass, Straw, and Leaves – The weights for these materials are based on recorded volumes or by estimates of business managers. The volumes are converted to weights by using conversion factors provided in the Diversion Study Guide. The following conversion factors are used:

Straw in bales 24 lbs/ft3
Grass clippings 280 lbs/yd3
Leaves 343.7 lbs/yd3

7. Appliances – The numbers of appliances and the frequency of generation were provided by the store managers. An average weight of 100 lbs per appliance was selected because 1) of the number of refrigerators involved (refrigerators are heavy), 2) a review of appliance weights shown in the Diversion Study Guide, 3) the need to be conservative with the estimated average unit weight, and 4) the experience of the manager.

General Note: All reported quantities and weights along with the name of the person providing the data are documented on the survey forms that were filled out when the generators were surveyed.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.
(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Pull Down for Waste Types			
Scrap Metal	Franchise and private haulers collect and sell in the Bay Area.	1996	271
White Goods	Some repaired & resold; some hauled to Bay Area & sold as scrap	1992	88
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.
Instead please provide date of Board approval of preciously submitted information. _____ (Date)
If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs
[PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (***Note*** *: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)*

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				

Ref. #	Type of Generator	Category	Source	Residential/Non Residential	Material type	Diversion Activity	Sort by Activity	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight
	10 City of Lakeport			Non residential	leaves	gov. composting program - mulch compost pile	Composted	72.9	543.7 lbs per cubic yard for dry leaves Diversion Study Guide 1999	70 cubic yards of leaves
	10 City of Lakeport			Non residential	grass	gov. composting program - mulch compost pile	Composted	9.8	280 lbs per cubic yard Diversion Study Guide 1999	424 cubic yards of grass
	37 Fair Grounds			Non residential	hay	Government mulch program - greenwaste	Composted	159.7	Diversion Study Guide 1999 baled hay	493 cubic yards per year 24 lbs per cubic foot
	6 Grocery Store			Non residential	food & damaged containers	back hauled, composted	Composted	7.8	owner's estimate	300 lbs a week
	6 Grocery Store			Non residential	stale bread	back hauled, composted	Composted	18.2	owner's estimate	700 lbs a week
	71 Grocery Store			Non residential	misc. paper	back hauled, shredded and composted	Composted	1.3	estimated by the store	ba
	71 Grocery Store			Non residential	outdated foods & coded boxes	backhauled for composting	Composted	72.8	estimated by the store	400 lbs per day
	46 Public Agency			Non residential	greenwaste	composting facility	Composted	109.2	6 months per year 1999 Diversion Study Guide	30 cubic yards per week at 280 lbs per cubic yard
	50 Retail Sales			Non residential	paper	collected and shredded, composted	Composted	1.2	manager's estimate	200 lbs per month
	50 Retail Sales			Non residential	plants	back hauled, composted	Composted	0.2	manager's estimate	20 lbs per week 16 weeks per year
Confidential 6	Service Provider			Non residential	greenwaste	off site composting	Composted	10.4	Diversion Study Guide 1999	74 cubic yds per year 280 lbs per cubic yard
	59 Buy Back Center			Residential	greenwaste	hauled to Napa, composted, sold to Napa agribusiness	Composted	271.4	actual weights by Timberline percentage was taken for Lakeport	
	66 Curbside			Residential	greenwaste	composted	Composted	29.5	Actual weights	
	3 Bank			Non residential	cardboard	back hauled and recycled	Recycled	0.1	manager's estimate	32 gallons per month 15 lbs per month
	3 Bank			Non residential	paper	back hauled and recycled	Recycled	0.9	manager's estimate	20 bags per month at 8 lbs per bag 160 lbs per month
	3 Bank			Non residential	records	back hauled, shredded and recycled	Recycled	0.5	manager's estimate	21 - 30 boxes per year 40 lbs per box
	36 Bank			Non residential	paper	shredded, recycled	Recycled	0.8	.77 lbs per gallon (conservative side) Diversion Study Guide 1999	40 gallon can a week for paper
	81 Bank			Non residential	paper	shredded, recycled	Recycled	0.1	estimate from the Diversion Study Guide 1999	3 1/2 by 2 foot barrel 20 lbs a month

City of Lakeport
Origin Survey - 1999

Ref. #	Type of Generator	Category	Source	Residential/Non Residential	Material type	Diversion Activity	Sort by Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
Confidential 5	Fast Food			Non residential	cooking oil	rendering	Recycled	1.3	7.45 per gallon Diversion Study Guide 1999	55 gallons every two months
7	Fast Food Restaurant			Non residential	cooking oil	rendering	Recycled	2.4	manager's estimate	400 lbs a month
31	Fast Food Restaurant			Non residential	food oil	rendering	Recycled	1.6	manager's estimate	60 lbs per week
53	Fast Food Restaurant			Non residential	used cooking oil	rendering	Recycled	6	business estimates	250 lbs a week
18	Gas Station			Non residential	scrap metal	recycled	Recycled	0.6	manager's estimate	100 lbs a month of car parts
6	Grocery Store			Non residential	cardboard	back hauled and recycled	Recycled	228.8	owner's estimate	11 - 800 lb bales a week per owner sold to Timberline
6	Grocery Store			Non residential	bones and fat	rendering	Recycled	6.5	owner's estimate	250 lbs a week
6	Grocery Store			Non residential	cooking oil	rendering	Recycled	2.9	owner's estimate	60 gallons a month (8 lbs a gallon)
45	Grocery Store			Non residential	cardboard	commercial onsite pickup -- recycled	Recycled	80.8	actual tons	
57	Grocery Store			Non residential	cardboard	back hauled, recycled	Recycled	41.6	owners estimate	16,00 lbs per week
57	Grocery Store			Non residential	cooking oil	rendering	Recycled	1.9	Diversion Study Guide 1999 cooking oil	74 lbs per week
57	Grocery Store			Non residential	bone and meat waste	rendering	Recycled	3.9	store estimate	150 lbs per week
71	Grocery Store			Non residential	cardboard	back hauled, recycled	Recycled	156	estimated by the store	2,300 LB bales per week
71	Grocery Store			Non residential	plastic	back hauled, recycled	Recycled	4.6	estimated by the store	175 lbs a week
71	Grocery Store			Non residential	cooking oil	rendering	Recycled	3.5	7.45 Diversion Study Guide 1999	80 gallons per month
71	Grocery Store			Non residential	meat waste bones & fat	rendering	Recycled	31.2	estimated by the store	1200 lbs a week
38	Printing Business			Non residential	plastic	sold to recycler	Recycled	2.3	2000 negatives and 1000 plates weigh 2 ounces each	400 lbs per month film negatives and plates
64	Restaurant			Non residential	plastic buckets	recycling	Recycled	0.2	1.9 white bucket Diversion Study Guide 1999	4.5 buckets 9 lbs a week
64	Restaurant			Non residential	cooking oil	recycling	Recycled	4.5	1999 Diversion Study Guide store estimate	100 gallons a month 752.4 lbs a month
68	Restaurant			Non residential	cooking oil	rendering	Recycled	1.8	7.45 Diversion Study Guide 1999	40 gals/mo estimated by owner
88	Restaurant			Non residential	cooking oil	rendering	Recycled	1.2	Diversion Study Guide 1999	300 gallons (estimate by business) a year 7.45 lbs per gallon
89	Restaurant			Non residential	cooking oil	rendering	Recycled	0.2	business estimate	35 lbs per month

City of Lakeport
Origin Survey - 1999

Ref. #	Type of Generator	Category	Source	Residential/Non Residential	Material type	Diversion Activity	Sort by activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification method used to calculate weight
84	B Restaurant			Non residential	cooking oil	rendering	Recycled	1.3	Diversion Study Guide 1999 7.45 lbs per gallon	30 gallons per month
26	Retail Sales			Non residential	scrap metal	recycled (goes to Timberline)	Recycled	2	manager's estimate	5 cubic yards per year
32	Retail Sales			Non residential	cardboard	back hauled, recycled	Recycled	254.8	manager's estimate	14 each 700 LB bales per week
50	Retail Sales			Non residential	cardboard	recycled	Recycled	26	estimated by the store	1000 lbs per week
50	Retail Sales			Non residential	plastic	plastic buckets collected and shredded, recycled at the transfer station	Recycled	0.1	manager's estimate	20 lbs per month
61	Retail Sales			Non residential	scrap metal (appliances)	deducted from #59 and percentages adjusted recycled	Recycled	21	200 lbs per appliance Diversion Study Guide 1999 (conservative average)	17.5 a month
67	Retail Sales			Non residential	white goods	recycled	Recycled	7.5	125 lbs per appliance by owner	10 per month
72	Retail Sales			Non residential	used appliances	sold to salvager, recycled	Recycled	26	store estimate	10 per week 100 lbs each
Confidential 1	Retail Sales			Non residential	cardboard	recycling	Recycled	5.2	Diversion Study Guide 1999	2 cubic yds a week at 100 lbs per cubic yard
Confidential 1	Retail Sales			Non residential	scrap metal	recycled - picked up by a recycler	Recycled	1.5	Diversion Study Guide 1999	48 cubic foot bin picked up 3 times a year at 906 lbs per cubic yard
Confidential 1	Retail Sales			Non residential	scrap metal - wheel weights	recycled - picked up by a recycler	Recycled	0.7	estimated by owner	20 gallons a year at 70 lbs per gallon
Confidential 10	Retail Sales			Non residential	scrap metal	recycled - picked up by a recycler	Recycled	1.2	estimated by owner	200 lbs per month
Confidential 4A	Retail Sales			Non residential	scrap metal	recycled	Recycled	0.1	store estimate	200 lbs per year
61	Retail Sales			Non residential	scrap metal - range hoods	sold to salvager	Recycled	0.3	manager's estimate	50 lbs per month 10 at 5 lbs
17	Retail Store			Non residential	cardboard	back hauled, recycled	Recycled	62.4	manager's estimate	4/600# bales/week
51	Retail Store			Non residential	scrap metal -- wheel weights	recycled	Recycled	0.7	business estimates	125 lbs a month
14	Service Company			Non residential	paper	shredded, recycled	Recycled	0.9	manager's estimate	100 lbs every three weeks of documents
43	Service for Businesses			Non residential	paper	shredded, recycled	Recycled	26.5	actual tons	57,600 lbs per year (corrected for double counting)
Confidential 11	B Service Provider			Non residential	scrap metal	recycled	Recycled	0.2	estimated by owner	32 cubic foot bin about once a year
85	Supplier			Non residential	cardboard	back hauled, recycled	Recycled	10.4	estimate from supplier	400 lbs per week

City of Lakeport
Origin Survey - 1999

Ref. #	Type of Generator	Category	Source	Residential/Non Residential	Material type	Diversion Activity	Sort by Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
86	Supplier			Non residential	metal display racks	recycled	Recycled	0.5	manager's estimate	
25	Tire Shop			Non residential	metal	recycled	Recycled	1	manager's estimate	2,100 lbs per year of recycled metals (estimated)
48	Buy Back Center			Residential	plastic	recycled	Recycled	6	actual tons	12,024 lbs
48	Buy Back Center			Residential	glass	recycled	Recycled	75.6	actual tons	
48	Buy Back Center			Residential	aluminum	recycled	Recycled	50.5	actual tons	
48	Buy Back Center			Residential	aluminum scrap	recycled	Recycled	13.8	actual tons	
48	Buy Back Center			Residential	copper and brass	recycled	Recycled	2.8	actual tons	
59	Buy Back Center			Residential	bimetal cans	recycling	Recycled	11.9	actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center			Residential	aluminum cans	recycling	Recycled	13.1	actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center			Residential	cardboard	recycling	Recycled	110.8	actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center			Residential	glass	recycling	Recycled	45.2	actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center			Residential	mixed	recycling	Recycled	86..0	actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center			Residential	plastic	recycling	Recycled	16	actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center			Residential	white metal	recycling	Recycled	220.7	actual weights by Timberline percentage was taken for Lakeport	
66	Buy Back Center			Residential	glass bottles	recycling	Recycled	85.6	Actual weights	
66	Buy Back Center			Residential	aluminum cans	recycling	Recycled	42.9	Actual weights	
66	Buy Back Center			Residential	plastic bottles	recycling	Recycled	4.4	Actual weights	
66	Curbside			Residential	cardboard	recycling	Recycled	284.6	Actual weights	
66	Curbside			Residential	newspaper	recycling	Recycled	322.1	Actual weights	
66	Curbside			Residential	misc. paper	recycling	Recycled	112	Actual weights	
66	Curbside			Residential	bimetal cans	recycling	Recycled	11	Actual weights	
66	Curbside			Residential	**scrap metal**	recycling	Recycled	7.2	Actual weights	
66	Curbside			Residential	plastic	recycling	Recycled	10.5	Actual weights	
66	Curbside			Residential	glass	recycling	Recycled	22.3	Actual weights	
83 B	Private Recycler			Residential	paper	recycled	Recycled	9.0	actual weights - owner's records	
83 B	Private Recycler			Residential	aluminum cans	recycled	Recycled	0.6	actual weights - owner's records	

City of Lakeport
Origin Survey - 1999

Ref. #	Type of Generator	Category	Source	Residential/Non Residential	Material type	Diversion Activity	Sort by Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that)	Quantification methodology used to calculate weight
	23 Auto Supply			Non residential	scrap metal	returned to parts manufacturer for reuse	Source Reduction	0	manager's estimate	500 lbs every two weeks
	23 Auto Supply			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	0.16	manager's estimate	4 pallets/week @40# each
	41 Auto Supply			Non residential	scrap metal	materials exchange, picked up by salvager and resold	Source Reduction	0	manager's estimate	100 lbs per month
	41 Auto Supply			Non residential	scrap metal - car part cores	business source reduction - manufacturer for rebuilding	Source Reduction	0	manager's estimate	200 lbs a week per owner
	53 Fast Food Restaurant			Non residential	plastic	given to customers	Source Reduction	0.7	business estimates	10 - 12 5 gallon jugs per week 30 lbs per week
	2 Furniture Store			Non residential	used furniture	materials exchange -- furniture is set outside for people to take	Source Reduction	5.2	owner's estimate	200 lbs a week per owner
	15 Furniture Store			Non residential	used furniture	materials exchange -- picked up by scavengers	Source Reduction	7.2	60 lbs a piece Diversion study guide 1999 Average from the furniture listed	20 pieces a month 60 lbs a piece
	44 Furniture Store			Non residential	furniture	materials exchange -- scavenging	Source Reduction	7.8	estimated by the owner	13 pieces a week at a 100 pounds a piece
	44 Furniture Store			Non residential	carpet	materials exchange -- donated	Source Reduction	0.1	estimated by the owner	300 lbs per year
	42 Gas Station			Non residential	food (outdated)	back hauled -- donated for pig food, resale store and sandwiches are given to employees	Source Reduction	0.9	estimated	30 gallons per month 5 lbs per gallon
	6 Grocery Store			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	4.0	owner's estimate	100 pallets a week 40lbs a pallet
	6 Grocery Store			Non residential	misc. food (dated material)	back hauled, sold to outlets	Source Reduction	2.6	owner's estimate	100 lbs per week per owner
	6 Grocery Store			Non residential	food waste	source reduction - pig food	Source Reduction	52	owner's estimate	2,000 lbs per week
	45 Grocery Store			Non residential	food and damaged containers	materials exchange donated to seniors	Source Reduction	1.2	manager's estimate	200 lbs per month
	45 Grocery Store			Non residential	bread	back hauled, sold to outlets	Source Reduction	1.7	manager's estimate	65 lbs per week
	45 Grocery Store			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	12	manager's estimate	300 pallets a month

City of Lakeport
Origin Survey - 1999

Ref. #	Type of Generator	Category	Source	Residential/Non Residential	Material type	Diversion Activity	Sort by Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
57	Grocery Store			Non residential	plastic buckets	material exchange donated	Source Reduction	0.2	owners estimate	10 lbs per week
57	Grocery Store			Non residential	food waste	source reduction, picked up by pig farmers	Source Reduction	2.6	owners estimate	100 lbs per week
57	Grocery Store			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	0.6	40 lbs a pallet Diversion Study Guide 1999	15 pallets per week
57	Grocery Store			Non residential	damaged food containers	backhauled by corporation, resold	Source Reduction	0.5	store estimate	20 lbs per week
71	Grocery Store			Non residential	food waste	material exchange - pig farmers	Source Reduction	72.8	estimated by the store	400 lbs per day
71	Grocery Store			Non residential	bread	materials exchange donated to seniors	Source Reduction	8.2	store estimate	315 lbs per week
71	Grocery Store			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	1.6	40 lbs per pallet Diversion Study Guide 1999	40 per day
Confidential 8B	Grocery Store			Non residential	foodwaste	source reduction, picked up by pig farmers	Source Reduction	2.0	estimate	2 tons a year
Confidential 8B	Grocery Store			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	0.6	estimate	15 a year
46	Public Agency			Non residential	scrap metal	sent back for remanufacturing	Source Reduction	1.7	manager's estimate	3,500 lbs per year car part cores
46	Public Agency			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	4.0	manager's estimate	100 pallets a month 40 lbs a pallet
54	Public Agency			Non residential	paper	materials exchange reuse - sold to bookstore	Source Reduction	0.2	business estimates	400 lbs per year of used books
26	Retail Sales			Non residential	delivery crates	source reduction, backhauled, reused	Source Reduction	6.5	manager's estimate	5 a week 50 lbs a piece
30	Retail Sales			Non residential	scrap metal	business source reduction -- returned to parts manufacturer for reprocessing	Source Reduction	3.2	manager's estimate	535 lbs per month
32	Retail Sales			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	2.4	manager's estimate	60 pallets/week @ 40# each
50	Retail Sales			Non residential	outdated foods	backhauled by corporation, donated	Source Reduction	1.3	manager's estimate	50 lbs per week
50	Retail Sales			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	1.2	manager's estimate	30 pallets/week @40# each
50	Retail Sales			Non residential	small appliances	reused -- sent back for remanufacturing	Source Reduction	0.1	manager's estimate	50 lbs per month
55	Retail Sales			Non residential	toners	business source reduction reuse - sold to manufacturer	Source Reduction	3.1	business estimates	120 lbs per week 4 lbs per cartridge 30 per week
56	Retail Sales			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	0.08	40 lbs a pallet Diversion Study Guide 1999	2 per week 40 lbs a piece

City of Lakeport
Origin Survey - 1999

Ref. #	Type of Generator	Category	Source	Residential/Non Residential	Material Type	Diversion Activity	Sort by Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
61	Retail Sales			Non residential	white goods	repaired and resold	Source Reduction	21	200 lbs per appliance Diversion Study Guide 1999 (conservative average)	rebuildable 17.5 a month
67	Retail Sales			Non residential	white goods	repaired	Source Reduction	7.5	125 lbs per appliance by owner	10 per month
72	Retail Sales			Non residential	used appliances	resold	Source Reduction	26	store estimate	10 per week 100 lbs each
Confidential 12	Retail Sales			Non residential	furniture	materials exchange	Source Reduction	0.5	estimated by owner	100 lbs per month
Confidential 4B	Retail Sales			Non residential	misc. paper	reuse in packaging with customers' purchases	Source Reduction	0.5	estimate	8 lbs per week of masc. paper & 10 lbs per week for cardboard
Confidential 9	Retail Sales			Non residential	clothing	materials exchange	Source Reduction	0.2	estimate	500 lbs per year
17	Retail Store			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	1.0	manager's estimate	25 pallets per week
51	Retail Store			Non residential	scrap metal -- tin & metal	picked up by scavenger and sold	Source Reduction	4.5	manager's estimate	175 lbs a week
51	Retail Store			Non residential	scrap metal parts & cores	sent back for remanufacturing	Source Reduction	1.3	business estimates	50 lbs a week
52	Retail Store			Non residential	paper	business source reduction - reuse for wrapping and packing	Source Reduction	2.3	business estimates	90 lbs a week packing materials and boxes
14	Service Company			Non residential	paper	materials exchange -- donated to schools	Source Reduction	0.1	manager's estimate	300 lbs per year of books & maps
Confidential 11	Service Provider			Non residential	car part cores	reused -- sent back for remanufacturing	Source Reduction	0.3	estimated by owner	600 lbs per year
Confidential 11B	Service Provider			Non residential	plastic barrels	reprocessed & reused	Source Reduction	3	estimated by owner	20 per month 25 lbs each
Confidential 8A	Service Provider			Non residential	food waste	backhauled, donated	Source Reduction	0.2	estimate	10 lbs a week
85	Supplier			Non residential	pallets	source reduction, backhauled, reused	Source Reduction	1.2	40 lbs Diversion Study Guide 1999	30 pallet per week business estimates
86	Supplier			Non residential	cardboard	backhauled for reuse	Source Reduction	45.2	manager's estimate	estimated to weigh 116 lbs 15 bundles a week
	Total Tire Recycling			Non residential	tires	tire reuse -- patched and sold for used tires	Source Reduction	11.3	by owner	
	Waste Tire Products			Non residential	tires	reuse -- made into blocks for use at a landfill to prevent wind erosion	Source Reduction	9.3	by owner	
22	Thrift Store			Residential	used furniture	materials exchange	Source Reduction	63.8	53.2 per employee Diversion Study Guide 1999 (Used most conservative numbers)	1.2 employees 53.2 tons per employee per year

City of Lakeport
Origin Survey - 1999

Ref. #	Type of Generator	Category	Source	Residential/Non Residential	Material type	Diversion Activity	Sort by Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
27	Thrift Store			Residential	misc. sales	materials exchange	Source Reduction	**183.6**	.04 tons per sq. foot per year Diversion Study Guide 1999 (most conservative number was used)	4,590 sq. foot
75	Thrift Store			Residential	misc. items	materials exchange	Source Reduction	**53.6**	Diversion Study Guide 1999 (most conservative average)	floor area 1,339 sq. feet at .04 sq. ft per year
82	Thrift Store			Residential	misc. items	materials exchange	Source Reduction	**34.8**	Diversion Study Guide 1999 (most conservative average)	1,245 sq. feet * .04 per year
83 A	Thrift Store			Residential	misc. items	materials exchange	Source Reduction	**49.8**	Diversion Study Guide 1999 (most conservative average)	1,245 sq. feet * .04 per year
84 A	Thrift Store			Residential	misc. items	materials exchange	Source Reduction	**48.8**	Diversion Study Guide 1999 (most conservative average)	1,220 sq. foot * .04
87	Yard Sales			Residential	misc. items	materials exchange	Source Reduction	**63**	.35 tons per garage sale 1999 Diversion Study Guide number of sales estimated	.35 tons per garage sale. Counted the ads 120 added 60 for ones that didn't have ads estimated 3 per week 180 garage sales a year
								4120.94		

STATE OF CALIFORNIA CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

☑ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.

☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name	County	
CITY OF LAKEPORT	LAKE	
Authorized Signature	Title CITY ENGINEER	
Type/Print Name of Person Signing	Date	Phone ( ) Include Area Code
M. K. STEVENSON	18-Dec-01	(707) 263-5614
Person Completing This Form (please print or type)	Title ADMINISTRATIVE ASSISTANT	
IREHNE E. DISHMAN		
Affiliation: CITY OF LAKEPORT		

Mailing Address	City	State	ZIP Code
225 PARK STREET	LAKEPORT	CALIFORNIA	95453

E-mail address srcetech@pacific.net

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1990	2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

In regard to the quantity, amount is more adequately documented by actual weights and self haul origin verification than that reported by the County of Lake. In regard to the diversion quantity, diversion programs at businesses not using the franchise provided programs were identified and counted.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 18.5%*	**Diversion rate calculated using new generation-based study**	b. 48.3 %
For existing base year pounds/person/day based on generation	8.41	**For new generation based study pounds/person/day based on generation**	11.3
Residential generation 60 % **Non-Residential Generation** 40 %		**Residential generation** Unkn own 44 % **Non-Residential generation** Unkn own %	
Population existing generation-based study 4390		**Population new generation-based study** 4598	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City of Lakeport is a commercial center for Lake County. The 1990 Base Year Data did not take into account all the wastes generated and diverted by businesses not using the Franchise Services or public diversion opportunities that were available at the time. The increase in the Lbs/person/day reflects the large commercial volume of wastes that are generated; private diversion efforts, driven by economics, are chiefly responsible for the large amounts and high percentages of materials being diverted.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Reasons for the diversion difference include: 1) Waste origin errors. 2) Inaccurate disposal quantity amounts. 3) Inaccurate waste generation amounts. 4) More accurate assessment of the quantity of materials diverted. 5) Improved diversion programs.

*4.a. 1990 diversion rate = $100\% \left(\frac{1-5509}{6763}\right) = 18.5\%$

7. Disposal Tonnage: (enter values)	Residential	Non-Residential	4891 Tons Total

Please select the ONE choice below that best explains your disposal data and complete the required tables.

- ☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)
- ☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)
- ☑ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)

*8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, (agricultural wastes,inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal) please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.
*Please provide detailed Non-Residential waste information in Section 9.

*Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/pais/codes/reduce.htm	[A]	(A/Total Generation)			
Residential Activities:					
Source Reduction					
Backyard composting					
Grasscycling					
Other Residential source reduction (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Source Reduction	0				
Recycling					
Curbside Recycling					
Buyback centers					
Drop-off centers					

*See Attachment A

7. Disposal Tonnage (entered above):	3277	1614	4891
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note:** *The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.* Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes,inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details subsantiating your claim.

Diversion Activity Please use the Board's program types. The program type glossary is online at www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Residential Source Reduction Activities					
Backyard composting					
Grasscycling		0.0%			
Other Residential Source Reduction (list each program separately)					
Thrift Stores	188	2.0%	Misc. Items	Used most conservative figures in the 1999 Diversion Study Guide.	
Yard Sales	77	0.8%	Misc. Items	0.35 tons/yard sale - Diversion Study Guide 1999	
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal, Residential Source Reduction	**265**	**2.8%**			
Residential Recycling Activities					
Curbside Recycling	1008	10.7%	Cardboard, Paper, Cans, Plastic, Glass, and Tires	Actual Tons	Franchise Hauler
Buyback Centers	304	3.2%	Aluminum, Glass and Plastic	Actual Tons	Buyback Center
Drop-off Centers	188	2.0%	Aluminum, Cardboard, Glass, Paper, Plastic & Scrap Metal	Actual Tons	Timberline - percentage was taken for Lakeport

Diversion Activity Please use the Board's program types. The program type glossary is online at www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Other Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	**1500**	**15.9%**			
Residential Composting Activities					
Green Waste Drop-off	239	2.5%		Actual Tons	Timberline - percentage was taken for Lakeport
Curbside Green Waste	339	3.6%		Actual Tons	Franchise Hauler
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	**578**	**6.1%**			
Subtotal, Residential Diversion	**2343**	**24.8%**			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits*	566	6.0%	**See Section 9**	**See Section 9**	**See Section 9**
Other Non-Residential Source Reduction (list each program separately)					
Enter Program name					
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	**566**	**6.0%**			

Diversion Activity Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Recycling					
Non-Residential Waste Audits*	1139	12.1%	See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	**1139**	**12.0%**			
Non-Residential Composting Activities					
Non-Residential Waste Audits*	275	2.9%	See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	**275**	**2.9%**			
Subtotal Non-Residential Diversion	**1980**	**20.9%**			
Residential/Non- Residential Diversion Activities					
ADC					
Sludge					
Scrap Metal	241	2.5%			
Construction and Demolition					
Landfill Salvage					
Subtotal Residential/ Non-Residential Diversion	**241**	**2.5%**			
Total Res/Non-Res Source Reduction Tons	**831**	**8.8%**			
Total Diversion Tons	**4564**	**48.3%**			
Total Disposal Tons from Sec.7	**4891**	**51.7%**			
Total Generation Tons (Div+Dis)	**9455**				
Diversion Rate	**48%**				

S. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.
(Form will perform all addition calculations).
Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities (Include material type (e.g. paper recycling, grasscycling) (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section B)	Survey Method Phone (P) Mail (M) On-site (O) Other ___
Grocery store	48	Bread, canned goods, pig food; cooking oil, meat waste, bones & fat, cardboard, plastic; misc. paper, food waste, damaged canned food, old produce	117.3	230.1	101.8	449.2	4.8%	O
Grocery store	7	Misc. canned foods, damaged foods, bread, pig food; cardboard, plastic, cooking oil, bones & fat	31.3	374.9		406.2	4.3%	O
Department store	23	Cardboard misc. paper		219.3		219.3	2.3%	O
Public Agency	26	Green waste			57.0	57.0	0.6%	O
Retail sales	50	White goods, toner cartridges	52.0	36.4		88.4	0.9%	O
Public Agency	35	Green waste			83.3	83.3	0.9%	O
Retail sales	14	Cardboard, plastic		55.2		55.2	0.6%	P
Grocery Store	41	Plastic, dated food, green*	6.2	42.0		48.2	0.5%	O
Retail sales	43	White Goods		60.1		60.1	0.6%	P
Public Agency	10	Grass clippings & leaves			32.8	32.8	0.3%	O
Totals			206.8	1018.0	274.9	1499.7	15.8%	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

*food waste; cardboard, paper, plastic, cooking oil, bones and fat

See the next page for the diversion quantification methodology.

2000 SOLID WASTE DIVERSION QUANTIFICATION METHODOLOGY

Quantification Methodology

1. Cardboard - Each of the major businesses has its own cardboard baling machine; there is no standard bale size and the bale weights vary from 300 lbs to 800 lbs, depending on the business. The business managers know the weight of a bale and the average number of bales that are produced over a given period of time. Cardboard is picked up from the businesses by OCC salvagers who sell the OCC to pulp mills. In some cases the actual weight of cardboard was provided.

2. Green Food Wastes - The weights of green food wastes and the frequency of generation are estimated by the store managers. The wastes are picked up almost daily by animal growers. Some green food wastes are composted by generator #48.

3. Cooking Oil - The cooking oil volumes and frequencies of generation are provided by the store managers. The volume is converted to a weight by using 7.45 lbs/gal which is a number provided by the Diversion Study Guide. Cooking oil is picked up by a rendering company.

4. Bones and Fat - The weight of bones and fat generated over a specific period of time is estimated by the store manager. Bones and fat are picked up by a rendering company.

5. Dated Foods and Food in Damaged Containers - The weights of the dated/damaged foods are estimated by the store managers. These items are donated, given to needy customers, used for animal food, and even sold to discount outlets.

6. Grass, Straw, and Leaves, - The weights for these materials are based on recorded volumes or by estimates of business managers. The volumes are converted to weights by using conversion factors provided in the Diversion Study Guide. The following conversion factors are used:

Straw in bales	24 lbs/ft^3
Grass clippings	280 lbs/yd^3
Leaves	343.7 lbs/yd^3

7. Appliances - The numbers of appliances and the frequency of generation were provided by the store managers. An average weight of 100 lbs per appliance was selected because 1) of the number of refrigerators involved (refrigerators are heavy), 2) a review of appliance weights shown in the Diversion Study Guide, 3) the need to be conservative with the estimated average unit weight, and 4) the experience of the manager. Some appliances are repaired and sold as used while others are sent to recycling.

General Note: All reported quantities and weights along with the name of the person providing the data are documented on the survey forms that were filled out when the

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: *program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.".*

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Pull Down for Waste Types			241
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note** : this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: *If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.*
Instead please provide date of Board approval of previously submitted information. _____ (Date)
If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. ***Note*** *: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.*

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				

Origin Survey - 2000

Ref. #	Type of Generator	Category	Source	Residential/nonresidential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
1	Furniture Store			nonresidential	old furniture	source reduction -- furniture is set outside for people to take	**5.2**	100 lbs/couch - manager's estimate	2 couches/week - manager's estimate
2	Distributor			nonresidential	misc. paper	recycled	**20.8**	manager's estimate	800 lbs/week
3	Bakery			nonresidential	left-over food	source reduction -- given to community	**0.5475**	manager's estimate	3 lbs/day
4	Restaurant			nonresidential	cooking oil	recycled - rendering	**6.018**	7.45 lbs/gal.	2 yd^3 bin/every 3 mos.
5	Bank			nonresidential	misc. paper	recycled	**2.9805**	none	actual tonnage reported
5	Bank			nonresidential	toner cartridges	recycled	**0.0005**	manager's estimate	10/year @4 lbs each
6	Distributor			nonresidential	cardboard	recycled	**20.8**	manager's estimate	800 lbs/week
6	Distributor			nonresidential	plastic	recycled	**0.52**	manager's estimate	20lbs/week
6	Distributor			nonresidential	misc. food (dated material)	source reduction - sold to outlets	**1.56**	manager's estimate	60 lbs/week
6	Distributor			nonresidential	stale foods	source reduction -- animal food	**0.52**	manager's estimate	20 lbs/week
7	Grocery Store			nonresidential	misc. food (dated material	source reduction - sold or donated	**3.2**	manager's estimate	125 lbs/week
7	Grocery Store			nonresidential	cardboard	recycled	**365**	manager's estimate	2-1/2 bales/week @800 lbs/bale
7	Grocery Store			nonresidential	plastic	recycled	**0.67**	22.55 lbs/yd^3 - Diversion Study Guide	1-33 gal bag/day - manager's estimate
7	Grocery Store			nonresidential	food & damaged containers	source reduction - back hauled, resold, or donated	**5.2**	manager's estimate	200 lbs/week
7	Grocery Store			nonresidential	stale bread	source reduction - back hauled, sold or donated	**1.82**	manager's estimate	70 lbs/week
7	Grocery Store			nonresidential	cooking oil	recycled - rendering	**2.682**	7.45 lbs/gal - Diversion Study Guide	60 gal/month - manager's estimate
7	Grocery Store			nonresidential	food waste	source reduction - animal food	**15.6**	manager's estimate	600 lbs/week
7	Grocery Store			nonresidential	stale baked items	source reduction - animal food	**5.475**	manager's estimate	30 lbs/day
7	Grocery Store			nonresidential	bones & fat	recycled - rendering	**6.5**	manager's estimate	250 lbs/week

City of Lakeport
Origin Survey - 2000

Ref. #	Type of Generator	Category	Source	Residential/nonresidential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
30	Buy Back Center			residential	glass	recycled	**121.92**	none	actual tons
30	Buy Back Center			residential	plastic	recycled	**6.32**	none	actual tons
31	Furniture Store			nonresidential	used furniture	source reduction - furniture is set outside for people to take	**7.8**	manager's estimate	3 pcs/ week @100 lbs each
31	Furniture Store			nonresidential	carpeting	source reduction - donated	**0.15**	manager's estimate	2 rolls @150 lbs each
32	Grocery Store			nonresidential	food & damaged containers	source reduction - donated	**1**	manager's estimate	20 gal/month
32	Grocery Store			nonresidential	old bread	source reduction - donated	**1.82**	manager's estimate	70 lbs/week
34	Retail Sales			nonresidential	**scrap metal**	recycled	**1.36**	906 lbs/yds^3 - Diversion Study Guide	1 cu yd 3 times/year - manager's estimate
34	Retail Sales			nonresidential	wheel weights	recycled	**0.7**	manager's estimate	20 gal/year @70 lbs/gal
35	Public Agency			nonresidential	grass	composting	**80.6**	2.80 lbs/yd^3 - Diversion Study Guide 1999	24 yds^3/week for 6 months
35	Public Agency			nonresidential	leaves	composting	**2.7**	343.7 lbs/yd^3 - Diversion Study Guide 1999	16 yds^3/year
36	Retail			nonresidential	cardboard	recycled	**26**	manager's estimate	1000 lbs/ week
36	Retail			nonresidential	misc. paper	recycled	**1.3**	manager's estimate	mags. 50 lbs/week, cards 100 lbs/year
36	Retail			nonresidential	**white goods**	source reduction	**0.5**	manager's estimate	1000 lbs/year
36	Retail			nonresidential	outdated foods & coded boxes	source reduction	**1.3**	manager's estimate	50 lbs/week
36	Retail			nonresidential	green waste/plants	source reduction	**1.3**	manager's estimate	50 lbs/week
37	Retail			nonresidential	**scrap metal**	recycled	**2**	manager's estimate	1000 lbs, 4 times/year
37	Retail			nonresidential	wheel weights	recycled	**1.2**	manager's estimate	200 lbs/month
38	Retail			nonresidential	toner cartridges	recycled	**1.04**	manager's estimate	10/week, 4 lbs each
39	Restaurant			nonresidential	cooking oil	recycled - rendering	**6**	manager's estimate	1000 lbs/month

Origin Survey - 2000

Ref. #	Type of Generator	Category	Source	Residential/nonresidential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight
39	Restaurant			nonresidential	plastic buckets	source reduction	**0.094**	0.3 lbs/container - Diversion Study Guide	10 to 15 containers/week - manager's estimate
40	Distributor			nonresidential	misc. paper	recycled	**5.2**	manager's estimate	200 lbs/week
41	Grocery Store			nonresidential	cardboard	recycled	**31.2**	manager's estimate	3 each 400 lb bales/week
41	Grocery Store			nonresidential	misc. paper	recycled	**0.5**	manager's estimate	20 lbs/ week
41	Grocery Store			nonresidential	newspaper	recycled	**2.6**	manager's estimate	100 lbs/week
41	Grocery Store			nonresidential	plastic	recycled	**1.17**	manager's estimate	45 lbs/week
41	Grocery Store			nonresidential	plastic buckets	source reduction	**0.2**	manager's estimate	10 lbs/week
41	Grocery Store			nonresidential	cooking oil	recycled - rendering	**3.87**	7.45 lbs/gal - Diversion Study Guide	20 gal/week -manager's estimate
41	Grocery Store			nonresidential	bones, fat, trim	recycled - rendering	**2.6**	manager's estimate	100 lbs/week
41	Grocery Store			nonresidential	old bread	source reduction - sold or donated	**2.6**	manager's estimate	100 lbs/week
41	Grocery Store			nonresidential	damaged or due date foods	source reduction - sold or donated	**0.78**	manager's estimate	30 lbs/week
41	Grocery Store			nonresidential	green food waste	source reduction - animal food	**2.6**	manager's estimate	100 lbs/week
42	Restaurant			nonresidential	cooking oil	recycled - rendering	**2.235**	7.45 lbs/gal - Diversion Study Guide	50 gal/month - manager's estimate
43	Retail			nonresidential	**scrap metal - range hoods**	recycled	**0.1**	manager's estimate	50 lbs/month - 10 at 5 lbs/unit
43	Retail			nonresidential	**white goods**	recycled	**60**	200 lbs/appliance Diversion Study Guide 1999 (conservative average)	50 units/month - Diversion Study Guide
44	Thrift			residential	misc. items	source reduction	**133.9**	used the most conservative figures in the Diversion Study Guide.	3348 ft^2 x 0.04 tons/year/ft^2
45	Private Recycler			residential	paper	recycled	**11**	owner's records	actual tons
45	Private Recycler			residential	aluminum cans	recycled	**0.6**	owner's records	actual tons
46	Retail			nonresidential	**white goods**	recycled	**7.5**	manager's estimate	5 to 6 units/month @250 lbs/each

Ref. #	Type of Generator	Category	Source	Residential/nonresidential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
47	Retail			nonresidential	misc. paper	composted	**0.208**	8 lbs/32 gal - Diversion Study Guide	32 gal/week - manager's estimate
48	Grocery Store			nonresidential	cardboard	recycled	**202.14481**	none	actual tons
48	Grocery Store			nonresidential	plastic	recycled	**4.61032**	none	actual tons
48	Grocery Store			nonresidential	old food	source reduction - pig farmers	**73**	manager's estimate	400 lbs/day
48	Grocery Store			nonresidential	cooking oil	recycled - rendering	**3.874**	7.45 lbs/gal - Diversion Study Guide 1999	80 gal/month - manager's estimate
48	Grocery Store			nonresidential	damaged or due date foods	composting	**0.78**	manager's estimate	30 lbs/week
48	Grocery Store			nonresidential	meat waste bones & fat	recycled - rendering	**19.5052**	none	actual tons
48	Grocery Store			nonresidential	bread	source reduction	**7.8**	manager's estimate	300 lbs/week
48	Grocery Store			nonresidential	produce	composted	**101.0724**	none	actual tons
48	Grocery Store			nonresidential	food outside code date	source reduction - donated	**36.5**	manager's estimate	200 lbs/day
49	Thrift			residential	misc. items	source reduction	**53.6**	most conservative number - Diversion Study Guide 1999	1339 ft^2 - 0.04 tons/year/sq ft
50	Retail			nonresidential	**white goods**	recycled	**36.4**	manager's estimate	14/week @100 lbs each
50	Retail			nonresidential	**used white goods**	source reduction-repaired & resold	**52**	manager's estimate	20/week @100 lbs each
50	Retail			nonresidential	toner cartridges	recycled	**0.012**	manager's estimate	12/year
51	Restaurant			nonresidential	cooking oil	recycled - rendering	**3.0433**	7.45 lbs/gal - Diversion Study Guide	55 gals/3 to 4 weeks - manager's estimate
52	Self-haul Drop-off			residential	aluminum	recycled	**12.8**	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off			residential	cardboard	recycled	**59.9**	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off			residential	glass	recycled	**35.1**	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off			residential	mixed paper	recycled	**59.9**	none	actual weights by Timberline - percentage was taken for Lakeport

City of Lakeport
Origin Survey - 2000

Ref. #	Type of Generator	Category	Source	Residential/nonresidential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
8	Restaurant			nonresidential	cooking oil	recycled - rendering	**2.4**	7.45 lbs/gal - Diversion Study Guide	100 gal every 2 months - manager's estimate
9	Retail			nonresidential	rubber boots	source reduction - donated	**15**	manager's estimate	30,000 lbs/year (one-time donation)
9	Retail			nonresidential	unsold clothing	source reduction - donated	**0.25**	manager's estimate	500 lbs/year
10	Public Agency			nonresidential	leaves	composting - mulch compost pile	**30.41**	343.7 lbs per cubic yard for dry leaves-Diversion Study Guide 1999	177 cu yds of leaves/year.-manager's estimate
10	Public Agency			nonresidential	grass	composting - mulch compost pile	**2.4**	280 lbs per cubic yard Diversion Study Guide 1999	17 cu yds of grass/year-manager's estimate
11	Thrift			nonresidential	miscellaneous	source reduction - materials exchange	**49.8**	Used most conservative figures in the 1999 Diversion Study Guide.	1245 sq ft of floor @0.04 tons/year/sq ft
12	Service Company			nonresidential	paper	recycled	**0.86666**	manager's estimate	100 lbs every three weeks of documents
12	Service Company			nonresidential	paper	source reduction - donated	**0.15**	manager's estimate	300 lbs/year of books & maps
13	Furniture Store			nonresidential	used furniture	source reduction - furniture is set outside for people to take	**7.26**	60 lbs/piece - Diversion Study Guide 1999, average from the furniture listed	2 pcs/year donated; 20 pcs/month left behind store to be taken
14	Retail			nonresidential	plastic	recycle	**0.65**	manager's estimate	25 lbs/week
14	Retail			nonresidential	cardboard	recycled - back hauled	**54.6**	manager's estimate	3.5/600 lb bales/week
15	Distributor			nonresidential	cardboard	source reduction - reuse for product distribution	**52.5**	manager's records	84,000 bxs/year; 140 bxs/bale; wt./bale = 175 lbs, 600 bales/year
15	Distributor			nonresidential	**scrap metal (shelves)**	recycled - picked up by salvager.	**1.5**	manager's estimate	3000 lbs/year
15	Distributor			nonresidential	food waste	source reduction - used for animal food	**3.1**	manager's estimate	120 lbs/week
16	Thrift			nonresidential	miscellaneous	materials exchange	**77.6**	Diversion Study Guide - used most conservative figure	1941 sq ft of floor @0.04 tons/year/sq ft
18	Retail Sales			nonresidential	motorcycle engines	source reduction	**0.75**	actual - per manager	1500 lbs total donated to Voc. Ed. Class
18	Retail Sales			nonresidential	jet ski engines	source reduction	**0.11**	actual - per manager	220 lbs total donated to Voc. Ed. Class
19	Thrift			nonresidential	miscellaneous	source reduction	**183.6**	Diversion Study Guide - used the most conservative figure	4590 sq ft of floor @0.04 tons/year/ft^2
20	Service Company			nonresidential	misc. paper and micro materials	recycling	**81.05**	actual tons	actual tons

Origin Survey - 2000

Ref. #	Type of Generator	Category	Source	Residential/nonresidential	Material type	Diversion Activity	Weight (in tons)	Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
22	Restaurant			nonresidential	food oil	recycling - rendering	**22.35**	7.45 lbs/gal - Diversion Study Guide	1000 gal every 2 months - manager's estimate
23	Retail			nonresidential	cardboard	recycled	**218.4**	manager's estimate	8400 lbs/week
23	Retail			nonresidential	misc. paper	recycled	**0.9009**	.77 lb/gal - Diversion Study Guide	45 gal/week - manager's estimate
24	Retail			nonresidential	cardboard	recycled	**1.3**	manager's estimate	50 lbs/week
25	Bank			nonresidential	paper	recycled	**1.3**	manager's estimate	50 lbs/week
25	Bank			nonresidential	toner cartridges	recycled	**0.075**	manager's estimate	100 cartridges each/year @1.5 lbs each
26	Public Agency			nonresidential	green waste	composting	**57**	none	actual weight
27	Printing			nonresidential	aluminum	recycled	**7.5**	none	actual weight
27	Printing			nonresidential	litho film	recycled	**1.395**	none	actual weight
28	Service Company			nonresidential	newspaper	source reduction -- donated	**0.2**	manager's estimate	400 lbs/year
28	Service Company			nonresidential	toner cartridges	recycled	**0.036**	manager's estimate	3 per month @2 lbs each
29	Franchise Hauler/Curbsdie			residential	cardboard	recycled	**438.14**	none	actual tons
29	Franchise Hauler/Curbsdie			residential	paper	recycled	**501.05**	none	actual tons
29	Franchise Hauler/Curbsdie			residential	cans	recycled	**21.16**	none	actual tons
29	Franchise Hauler/Curbsdie			residential	plastic	recycled	**9.76**		actual tons
29	Franchise Hauler/Curbsdie			residential	green waste	composting	**338.57**	none	actual tons
29	Franchise Hauler/Curbsdie			residential	glass	recycled	**12.6**	none	actual tons
29	Franchise Hauler/Curbsdie			residential	tires	recycled in Orland	**25.1**	none	actual tons - to Orland
30	Buy Back Center			residential	aluminum	recycled	**47.01**	none	actual tons